

## RELIGION LAPSES AS SUNDAY TELLS BASEBALL STORIES

Lecture Hall Taxed by Large  
Crowd As Evangelist  
Makes Address

### DENOUNCES MATERIALISM

Speaking before an audience which filled 10-250 to overflowing, Billy Sunday, hard-fighting, sin-smashing evangelist, denounced "Godless, material education" and proved that his eight years of experience in the major leagues had not been lost in the whirl of revival meetings. Standing before his enthusiastic listeners, Billy lost himself in a mass of baseball technique, and while swinging imaginary bats, and pitching baseballs of mere air, with an occasional leap into the atmosphere for a high fly, he drove home point after point with his colorful anecdotes of former days.

The vehement, acrobatic preacher, with no chairs or tables on which to lean and pour forth his sermon, filled his speech with color and interest with his characteristic facial expressions, hand waving, crouching, and quick jumps. Many times as he reached the high pitch of his climaxes his speech rivalled that of Floyd Gibbons' in speed and his audience was held spellbound to the end.

#### "Do Your Best," Keynote

"Do your best," was the keynote of his speech. "Learn to do the common things in an uncommon way. It's the fellow who can do a thing better than anyone else who brings home the bacon," he said.

He went on to cite two examples of engineers, one who always did his best, and another who was forced into doing a poor job. The first built a bridge near Pittsburgh which was one of the finest examples of bridge building of the time. Its worth, however, was not realized until some years later when the mighty Allegheny and Monongahela rivers overflowed and washed the entire city of Johnstown, Pa., against the structure.

He concluded, "They dug twenty-four hundred bodies out of the muck and debris that surrounded the bridge, but not one stone of the masonry suffered! Not one stone of that bridge was removed by that mighty torrent! And he brought his hand down with a slap to emphasize the fact.

"A second engineer was hired to build a bridge for the Erie Railroad at Ashtabula, Ohio. He submitted his plans to the board of directors, who told him it would cost too much and suggested changes. The engineer knew he was taking a risk and at first was reluctant to change his plans, but he finally complied with their suggestions.

"For a number of years the bridge remained unchallenged with only the slow rumbling of the trains passing over it every day. Then one night a storm came up. The wind howled, and the trees shook and the storm unleashed a fury seldom seen in those parts. Coming down around the bend toward the bridge was a special train with nine coaches jammed to the doors with people. Just as it got to the bridge, the bridge fell down and 87 people were killed."

Billy shook his hand at the audience as he climaxed his story with this last remark:

"The engineer who built the bridge, when he received news of the disaster, (Continued on Page Four)

## HARRIMAN TO SPEAK AT ALDRED LECTURE

"Trends of Business" Will Be  
Subject of Address

Mr. Henry I. Harriman will deliver the third of this year's series of Aldred lectures at 3 o'clock this afternoon in Room 10-250, speaking on the subject, "The Meaning of Major Business Trends of the Day." Mr. Harriman is chairman of the New England Power Company, chairman of the Metropolitan Planning Board, Chairman of the Trustees of the Boston Elevated Railway, and President of the Boston Chamber of Commerce.

The Aldred lectures were founded in 1923 by John E. Aldred. After many years of contact with important engineering developments, Mr. Aldred became convinced that technical students, who are on the threshold of actual practice, would profit by the personal experience of men who have become successful in engineering fields.

## Gym Team Wins From Dartmouth By Close Score

Victory in Rope Climb By  
Knapp Decides Meet—  
Final Score 29-25

Winning four first places out of the entire meet, the Technology gym team last night beat Dartmouth 29-25 in one of the closest meets of the season.

Knapp, captain of the Beavers, won two events, the Rope Climb and the Side Horse, climbing out a tie with Norris of Dartmouth with a time of 5 1/5 seconds. Freeman of the Engineers, set a mark of 449 points in the horizontal bar, with Harper and Jennings of Dartmouth coming in second and third respectively.

#### Take First and Second in Side Horse

First and second places were won in the side horse event by Knapp and Lawsine of M. I. T., with third place being held by Blakesley of the opponents. With a mark of 502, Ericson helped run up the Institute's score, with Hunley and Barnett trailing him with 465 and 445, respectively.

However, the Beavers lost the first two places of the flying rings to the men from Hanover. First place was taken by their Purcell and Hutton, with Treadwell coming in with a close third.

Seney, of Dartmouth, won the tumbling contest with a mark of 523, with second and third places being taken by an Engineer, Abbott, and Hahn, of Dartmouth.

Technology led the meet about all the way through, although in the Tumbling Contest things were closely contested, with the Dartmouth man leading the Engineer by but four points. Knapp, captain of the Red (Continued on Page Four)

## Engineer Crews To Begin Workouts

Coch Haines Names Junior  
Varsity of Last Year as  
"A" Varsity Crew

Technology crews had their first official outside workout last night. Wednesday night the crews went out on the Charles for a trial, but last night Coach Haines went out in the launch and supervised the work. Five crews have already been put out for river work and several more will start outside rowing in the next few days.

Coch Haines designated the first Varsity team for the coming season. The boat is the same as that rowed by the Junior Varsity last year. This crew, undefeated last year, has a schedule of five meets, including the Annual Quadrangular meet and the Regatta.

Penn Hall has been in the bow of the Varsity boat the past two evenings. Coming forward in the boat these men have the positions at present, Binner, Birdsall, Cummings, Dunning, Evans, and Captain MacLeod. John Lawrence has been rowing stroke. Jimmie Dunlay had the coxswain position.

Rowing has been confined to lap-streak barges on account of the ice that is yet in the river. The ice would (Continued on Page Three)

## Results of Elections To Senior Committee

CLASS DAY MARSHALS  
Horace S. Ford, Jr.  
O. Glenn Goodhand  
Robert T. Leadbetter

#### SENIOR WEEK COMMITTEE

Herbert K. Allbright  
D. Jack Allia  
Robert S. Backus  
Richard K. Baltzer  
Joseph B. Birdsall  
Wynan P. Boynton  
David V. Buchanan  
O. Whitmore Burtner, Jr.  
Ralph H. Davis  
Warren T. Dickinson  
James B. Fisk  
J. Harold Genrich  
John T. Harrison  
Nelson B. Haskell  
Benjamin P. Hazeltine  
Stuart R. Knapp  
Richard T. Kropf  
John M. MacBrayne, Jr.  
Frederick M. Moss  
William H. Otis  
William Roberts  
Gilbert M. Roddy  
Kenneth W. Smith  
Benjamin W. Steverman  
Richard H. Yates

# VARSIITY BASKETBALL TEAM DEFEATS TUFTS IN SECOND HALF SPURT

## FRESHMAN DANCE MEETS APPROVAL

Institute Committee Passes  
Motion After Long  
Discussion

After a long discussion in which Robert Sanders, '31, general manager of the Combined Musical Clubs, voiced opposition to the measure, and O. Glenn Goodhand, '31, chairman of the Walker Memorial Committee warmly supported it, the Institute Committee yesterday passed a motion approving the Freshman Dance.

Henry D. Humphries, '34, President of the freshman class, placed the motion before the committee and outlined the plans for the dance. The Dance Committee, he said, had already agreed to put up a ten dollar deposit per man in case the dance should prove a financial failure. They plan to have it informal and at Walker Memorial and he stated that already over one hundred freshmen and upperclassmen who had been consulted had approved the dance. He then placed the motion before the floor and requested the date of May first for the affair.

#### Sanders Opposes

Sanders then took the floor in opposition to the measure. "It was decided last year," he said, "that the freshmen were not to be given permission for a dance because of the congested calendar. The Musical Clubs acting on this fact had chosen May 1 for their Concert and Dance. (Continued on Page Four)

## Sophomores Give Annual Dance In Walker Tonight

Roy Lamson's Harvardians To  
Entertain Guests With  
Syncopation

Members of the Sophomore Class will predominate at the annual dance of the second year men in Walker Memorial tonight. The committee-men in charge have made every effort to insure to the guests the maximum amount of pleasure for the dancing which will continue from 9:00 until 2:00 Saturday morning with only a short intermission.

Roy Lamson's "Harvardians" will furnish the requisite type of syncopation for the evening of entertainment. This is an orchestra which is well known to many of the Technology students as it has played in Walker Memorial for several engagements prior to this one. This band of musicians has the reputation of being the best local orchestra.

#### "Drink and Be Merry"

Refreshments in the nature of punch will be served to the guests. During intermission which will last from 12:00 until 12:30 o'clock, the dining room service will sell light refreshments for a nominal sum, in the same manner that they serve during the Basketball Dances.

Walker Memorial will assume a "holiday attire" in honor of the occasion. Green has been selected as the prevailing motif of the decorations, and plants of different kinds will be used throughout the building. The guests will be greeted in the lobby by an array of potted palms, and the same shrubs will be used as an offset for the orchestra. Trailing vines will transform the columns and the balcony railings.

#### Chaperones are Selected

Chaperones for the affair have been obtained in the persons of Mrs. Karl T. Compton, Mrs. Horace S. Ford and Mrs. Wallace M. Ross. Guests may be presented to the chaperones by the members of the dance committee who will act as ushers. The committee-men are Herbert M. Larrabee, Jr., chairman, Robert G. McKay, Cyrus S. Haggood, Pierre S. duPoint, Charles C. Bell, Wilbur B. Huston, Leighton R. Richards, Edward F. Thieler, Jr., W. Clinton Backus, and Paul E. Davis, Jr., all members of the Class of 1933.

## Leader of Electrical Department Colloquium



Mr. I. Melville Stein

## Three Men To Lead First Colloquium

Leeds and Northrup Engineers  
Will Show Measurements  
Procedure

Beginning the series of colloquia for the second term, the Department of Electrical Engineering announces a presentation on "Practical Electrical Measurement and Control of Non-Electrical Quantities" to be led by Mr. I. Melville Stein, director of research; Mr. G. A. Perley, chief, chemical section, research department, and Mr. J. C. Peters, Jr., research department, Leeds and Northrup Company, on next Monday and Tuesday from 2 o'clock to 4 o'clock in room 10-275.

This colloquium is open to Seniors, Graduate Students, Junior honors students, and members of the instructing staff of the Department of Electrical Engineering. Students and staff members of other departments who may be interested are cordially invited to be present. As the presentation and discussion will occupy both days, students attending are expected to so arrange their work as to be present on both occasions, out of courtesy to the leaders and in order that they may derive maximum benefit from the presentation.

Graduating from the common schools in Long Branch, N. J., in 1911, (Continued on Page Four)

## The Crew Schedule For the 1931 Season

April 25—Navy on the Severn; Varsity, Junior Varsity, Fifties.  
April 25—Union Boat Club on the Charles; Freshmen, First, Second, Fifties.  
May 2—Harvard on the Charles; Freshmen, Varsity and Fifties.  
May 7—Union Boat Club on the Charles; Third Varsity.  
May 9—Richards Cup Races on the Charles; Class Crews.  
May 9—Brown and Nichols on the Charles; First and Second Freshmen.  
May 16—Columbia on the Hudson; Varsity, possibly Fifties.  
May 16—Harvard on the Charles; Second Freshmen and Freshmen Fifties.  
May 21—Harvard on the Charles; Varsity First and Second Fifties.  
May 23—Cornell, Syracuse, Harvard on Lake Itasca; Varsity, Junior Varsity, First Freshmen.  
June 12—Poughkeepsie Regatta; Varsity, possibly Junior Varsity.

## WIN BY SCORE OF 27-17 FOR FOURTH VICTORY OF YEAR

Freshmen Also Defeat Jumbo  
Yearlings by 25-16  
Advantage

### TUFTS IN LEAD AT HALF

Technology's basketball team came through with their second straight win in defeating Tufts College Wednesday night in the Hangar Gym by the score of 27-17. The freshmen also took their second in a row by scoring a 25 to 16 win over the Jumbo yearlings. Tonight the Varsity will encounter the Pratt Institute of Brooklyn.

After Tufts had assumed a decisive lead and made all the Engineer hopes dim, the latter retaliated with a spurt that left them only one point to the rear at the conclusion of the half. Captain Harrison put Technology ahead at the very start of the game with three foul goals all within a few minutes. Here the Jumbos showed the only real scoring punch displayed by them all night. Five field goals were made in rapid succession and there seemed to begin the end of the Beavers. Undaunted, they fought back to come within the aforementioned one point of a knotted score and the intermission found it at 13-12 in favor of Tufts.

#### Second Half Spurt Wins Game

When the rest period had expired, it seemed to have added new life to the Engineers, who immediately took the lead into their own hands and were never headed again. During the second half of the game Tufts was able to make but one field goal and that was accomplished only on a beautiful shot by Cochran, the center, from the middle of the floor. During the last part of the game it seemed as though it were almost an impossibility for Tufts to work through the wonderful defense staged by Feustel and Sysko.

As a whole the game was probably the best of the year at the Hangar. It was extremely fast and well played, with M. I. T. having the advantage in the defensive play, and this, only during the last period. The teamwork of the Technology five was their strong point while Cochran seemed to be the whole Tufts team. Their game was playing him as much as possible and he satisfied them with five field goals which was high score of the game. Because of this continual "feeding" to Cochran and his extraordinary speed, Motter had a responsibility to cope with and which he did in a very creditable manner. In regard to the latter, he played the best game he has played all year.

#### Feustel High for Technology

High scorers were, besides Cochran, Feustel and Harrison, who made nine and five respectively. Feustel did most of his point making during the (Continued on Page Four)

## INDUSTRIAL TRIPS TO BE TAKEN BY A.I.E.E.

Society To Travel to Lamp  
Works in West Lynn

Trips to two General Electric Plants have been planned for next Wednesday by the M. I. T. Student Branch of the American Institute of Electrical Engineers. One will be to the Lamp Factory in East Boston and the other to the Lynn River Works in West Lynn. The groups going to the Lamp Factory will leave the Main Lobby at the usual time, 2 o'clock, but as the trip to Lynn will take longer and the shops there close early because of the present business conditions, it will be necessary for the other groups to leave at 1 o'clock.

At the East Boston Works Mazda lamps are manufactured exclusively. Superchargers, air compressors, small electric motors, street lighting standards, quartz mirrors and turbines are manufactured at the Lynn Plant.

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## "I Will Arise" Chapter of Pro Beta Theta Founded by Montana Students

### Novel Fraternity Limits Its Membership To Those On Probation

While the fraternities at Tech try to raise their scholastic standing, it is admitted that they do not have the same purpose as the new "I Will Arise" chapter of Pro Beta Theta, which was founded at the University of Montana and which recently held its first annual Founder's Day banquet. Membership in this fraternity, founded exclusively for the promotion of better scholastic records of the members, is limited to those students who have failed to pass the required number of courses and are on scholastic probation for the term.

**Charter Members at Banquet**  
At the banquet, which was held at a down town restaurant in Missoula, the home of the university, all four charter members of this chapter were present. Although nothing is said of it in the report issued on the banquet, one supposes that all of the charter members were allowed to make a short speech by reason of the honor surrounding their connection with fraternity.

The group was founded at the beginning of the winter scholastic period when four men, room-mates, found that they had all failed to make the required "C" average for the previous quarter and were on academic probation. Upon analyzing the cause for this failing, it was discovered that their low grades were chiefly due to the habit of "sleeping in," and thereby missing their eight, nine, and even ten o'clock classes.

**Is Unique Organization**  
Resolving to do something to remedy this deplorable situation the four men organized the Pro Beta Theta fraternity, the name explaining the reason for the existence of the group. "I Will Arise" was chosen as an appropriate name for the local chapter, which was also the original one, and "Oh, how I Hate to Get Up in the Morning" was selected as the official fraternity song.

The motto, another of the public features of the fraternity, is "We Pass Everything." A similarly appropriate secret motto is admitted to the members it is said. The charm and pin of the fraternity with such noble ideals is a miniature alarm clock.

**Has Strict Rules**  
Rules of the fraternity may appear a bit strict, but one must say that they would certainly be effective in combating ignorance and course failures if carried out to the letter. Some of the regulations under which the fraternity brothers in this group live are "Each member must be up by 7:30 o'clock every morning except Sunday, must study at least four hours a day, and must not under any conditions except illness cut any classes." Infractions are punished by heavy fines, and since its organization more than ten dollars has been collected from this source. Money received is used to pay for a banquet held every month.

**Members Are Equal**  
All members of the fraternity are officers. There is one head-man, who is president and treasurer, and the others are all vice-presidents of equal rank. New members may be taken in next quarter if the members' grades are still low enough to warrant a continued existence of the fraternity.

Apparently the charter members of his organization are not extremely hopeful of the results to be obtained from the system, as they make this provision for its continuance.

## As We Like It

### RANGO

**Olympia and Uptown Theatres**  
With the entire picture, except for a short prologue, filmed in the wild jungles of Sumatra, "Rango" now playing at the Olympia and Uptown Theatres, presents a theme unusual to the movies and contains striking photography of jungle wild life. The plot of the story, if it can be called a plot, is merely the life of a young Orang Otang, but the picture is filled with thrilling scenes of wild animal life.

A fight between a water buffalo and a tiger, which climaxes the picture, is the most thrilling and realistic piece of photography one could wish to see. Large families of monkeys are filmed in their natural habitat with all the expressions and characteristics of their kind. Panthers are gotten in such close-ups as to leave one wondering how the photographer could have approached so close.

Naturally in a story with so little plot the interest at time lags and too often the picture becomes a bit boring. But this is sufficiently compensated by the fine animal shots throughout the picture.

## PSYCHOLOGICAL IDEA FAILS IN EXECUTION

### All-Southern Football Players Ruin Professor's Plan

Professor Earl Dewey Meyers, of Chicago, professor of psychology at Tulane University had a brilliant psychological idea the other day, but in execution it wasn't quite so effective in producing results as he expected, or perhaps it had an even greater effect than intended.

The idea of the plan was to show that when one is excited, he does not observe so accurately as he does when in a normal condition. In carrying his idea into execution he secretly induced one of his students, Richard Whitten to start a fight with him when the class began. Later the class was to be asked to describe the encounter.

But unfortunately, the class didn't wait till later. When the willing Whitten attacked his instructor, Don Zimmerman and Preacher Roberts, all-southern football players intervened. A few moments later the wilted Whitten explained and the somewhat confused Professor Meyers was sure of just one thing: His popularity among the students was a great deal more actual than his psychology.

## Students Working Passage On Ship When Shanghaied

### Oberlin College Student Gives Story of Troublesome Life on Ship

Adventure and misadventure befell four American students when last year they set out to work their passage to the Orient and back, and were shanghaied to Cape Town, South Africa, instead. Recently they returned to this country, and one of them, from Oberlin College, according to the Oberlin Review gave the story.

In his description Henry Douglas, '29, describes conditions on the boat as "appalling," and the food "bad at all times." He continues his story of wretchedness and cruelty.

"The second day after we left America one of the crew fell and broke his leg. He was not given proper attention, and when we got to Shanghai he was simply left there without any provision for his welfare. Though we were in Borneo for a week, no one was allowed ashore there.

**Mate Fights Dane**  
"The mate got into a fight with a young Dane, who was injured so that he had to be left in the hospital at Balikpapan, Borneo. Just before we arrived in Cape Town one of the engine boys fell sick, and died within ten hours. To top it all, our last night in Cape Town was spent in the immigration detention barracks." With the understanding that they would make a three months' voyage, touching China, Borneo, and Japan, and finally returning to California in September, the students shipped as deck hands on the Litiopa, a Norwegian oil tanker, at that time in San Pedro, California.

**No Contract or Passports**  
No contracts were signed, and the boys had no travelers' passports. Instead of taking the ship back to California as understood, the captain sailed from Borneo to Cape Town, Africa. Here trouble with the immigration officers arose when the students attempted to leave the ship at Cape Town.

At this stage the captain refused to furnish transportation back to the United States, but the students and some other American sailors obtained from the Supreme Court of South Africa an attachment on the ship and in that way passage to New York was secured.

A water shortage at Hood College, Frederick, Md., has made it necessary for a rule to be passed allowing students only one bath a week.

The annual battle between the lawyers and engineers at the University of Missouri is called a football game to prevent police intervention.

Co-eds at Ohio Wesleyan University have been ordered to stop smoking cigarettes publicly.

Four Princeton polo teams had games on the same afternoon recently.

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## Football Signals Bring Responses From Soda Jerks

### "Shake It, Squeeze It, Paint It," But It Gets Results For Customer

"Back stack—paint it black and sprinkle it!" It is not an order to tar and feather somebody, nor is it an attempt to sound foolish. Rather it is the method of delivering orders in the Supply Store of the University of Alabama. Since 1925 this system has been used there, with a view towards speed, to order drinks and sandwiches.

On the whole the idea is styled after football signals. For instance, "Thirty-one, shake it!" or "Eighty-one, squeeze it!" All these signals have a prescribed meaning and with new drinks and new sandwiches other signals are originated.

**Cones Called Sticks**  
Black, red, or white sticks are cones of chocolate, strawberry, and vanilla ice cream respectively. In general cones are termed sticks and dishes are called stacks.

"One ja—va!" brings a steaming cup of coffee, while "one hot" calls forth hot chocolate. Sandwiches are worked on the football system, the signals being 101 ham, 201 chicken, 301 Swiss cheese, and so on to 1001, meaning baked ham.

A popular drink of the University is called a "dope" and has the code name, "81, Squeeze it!". When lemon is wanted on this drink it is squeezed, but with cherry it is squirshed. Some of the other drinks are 21 grape juice; 31, chocolate milk; 41, cherry smash; 51, Dr. Pepper; 61, lime-ade; 71, vanilla milk; 81, "dope" or Coca Cola; and 91, green river.

Signifying the process of putting an orange through a squeezing machine, an orangeade brings forth the response, "Through the mill!" But a fancy order like a chocolate nut sundae requires a much more intricate order. This particular one is produced by the yell previously given "back stack—paint it black and sprinkle it!"

Among the most stretched-out orders, according to the manager of the store, is "31 shake it, sprinkle it, and float it!" None other than a chocolate malted milk with ice cream appears under that command.

Sometimes signals become mixed, but as in football there is a remedy to that. When "signals off" is shouted it means that the order was not understood, and consequently the message is repeated.

## WINTER OUTING

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## FRESHMEN FAVORED TO TRIM DARTMOUTH

### SPEED AND POWER SHOWN BY ENTRIES IN HANOVER MEET

#### Record Breakers Compete In Dashes, Broad Jump And Quarter

#### FIELD EVENTS STRONG

With champions in three events, the freshman track team goes to Hanover, New Hampshire, to do battle with the Dartmouth frosh this Saturday, and Coach Hedlund says that there hasn't been such a group of athletes in a freshman class in "many a long moon." Last year the Greens beat the yearlings by a runaway score, the time is ripe for a revenge and the men feel it.

Dick Bell, Holladay, and Allen are entered in the dashes, with Bell holding the Intercollegiate freshman record in the fifty yard race. There ought also to be plenty of pushing for the lead in both the hundred and the twenty. Holladay and Allen are cause they have been making quite a good showings in the daily practice.

#### Schwarz and Wrigley in Quarter

In the quarter, Rees Schwarz, and Walter Wrigley will run and will give the Dartmouth men something to fight against. They were members of the championship mile relay team which took the official title by beating Northwestern, B. U., and New Hampshire in the K. of C. Games in the Arena during the winter. In addition to the race against their opponents, there is a keen rivalry between the two men themselves, and this meet offers an unexcelled opportunity for them to decide which man is the better.

For the Beavers, Charlie Hall and J. C. Barrett will take to the boards in the half mile. These two men comprised the second half of the mile relay team, and of late, Hall's time has been approaching within fifths of the freshman record in the 880 run, all under poor conditions. In spite of a cold which has been bothering him a little, he hasn't slacked at all this week in practice, and will in all probability be free from any vestige of it by Saturday. With favorable conditions he ought to do close to two minutes in the meet.

#### Half Well Represented

Hapkins and Glynn are two other men who have been on the up and up in the half, and were it not for the brilliance of the two other entries, they would merit star rating. Ever since the board season opened, they have looked good, and in the last few days, their improvement has been phenomenal.

Mann and J. G. Smith are the representatives in the mile, and, while their records are not dangerously close to the Intercollegiate, they are both good competitive men, and will stick right in at the front, whatever the race may be. Lockhart, Hill, and Allen are to run the hurdles. Hill in the sixty-yard lows, and Lockhart and Allen in the forty-yard highs.

#### Hill Expected to Star

Hill has been bettering himself all season, having started slowly as most men do at the beginning of the year, to come forward fast, and, remarkably, he has held to this all through the series of meets and trials which have been run off this year. Lockhart will also add his strength in the shot put.

Maxie Winerman, the star weight man on the team, has been putting inches on his mark every week, lately, and is now just slightly short of fifty feet. Between him and Jewett, who enters the shot with him, there

### TECHNOLOGY CREWS WORK OUT ON RIVER

(Continued from Page One)  
damage the regular shells. As soon as the last of the ice disappears, the work in the thin shells will be resumed.

Second Varsity is composed of men from last year's Varsity with replacements from the freshmen crews. The positions are as follows: 1. Pleasants; 2. Tarbeit; 3. Cimmericelli; 4. Regan; 5. Muller; 6. Valentine; 7. Glenn; 8. Richardson. The coxswain is Whitaker.

In addition to the two Varsity shells, the Junior Varsity has been out in lapstreaks in preparation for their three and possibly four meets of this season. The crew is made up of the following men: 1. Christie; 2. Kirkpatrick; 3. Walsh; 4. Trimble; 5. Anderson; 6. Casey; 7. Raymond; 8. Fetters. MacMahon was directing the boat.

Printed schedules are being made out now for distribution to the students. They will be handed out sometime within the next few weeks.

ought to be a Beaver win, with a fair margin left over, barring, of course, the possibility that Dartmouth has developed some behemoth who will break all previous records.

Frank Richards will be the only pole vaulter for Technology in the meet, but judging him by his performance in the Hangar, each afternoon, there are going to be either some hardy Green men in the vault, or some broken hearted ones.

One match which will contain real class is the broad jump, every entry having beaten the freshman Intercollegiate record in the event, and every one shows promise of being able to do better than he has yet to date, these records having been made when the men were encased in their winter sweatshirts and sweatpants. Wrigley, Bel and Allen are the ones who gave Oscar Hedlund this record to be proud of, and they are all entered in other events.

Aside from the individual skill of the team members, this year, there is a balanced sense of organization about the men which spells trouble for the persons against whom it is exerted. There is rarely an aggregation of trackmen which includes so many all-around stars, and in the light of these considerations, there ought to be something big to talk about after the meet.

## Dartmouth Wins Over Technology In Hockey Game

### Bill Morton Scores Twice To Defeat Beaver Team— Hall Stars

With eight minutes of the last quarter to go Dartmouth's hockey team broke loose to score two goals to win over the Technology team by a 3-1 score Wednesday evening at the Hanover Green rink. The game was a bit slow with little of the fire that has characterized several of the Beaver games to date. The big Dartmouth squad, made up mostly of football players, was somewhat slow to get started, looking a bit under the weather after the thriller with Harvard last week-end.

Bill Morton, the center ice on the green team was the outstanding star of the game. His two scores, one in the first quarter and the other in the third, were instrumental in winning the game for Dartmouth. Penn Hall, center on the M. I. T. squad and player opposite Morton did some very nice work for his team. He accounted for the sole Technology counter rather late in the second quarter.

No Early Scores  
Early in the game, neither of the teams seemed particularly anxious to score. Orbanowski and Regan carried the puck down to the green goal several times, but "Junie" Hawkes made nice stops to put off the intended

goals. Late in the quarter the Dartmouth offense began functioning, and in spite of Whiston's best efforts, Morton slipped the first Dartmouth tally.

The second session was not especially outstanding with little or no action. With a good deal of skating and occasional shooting, neither team did early scoring. Late in the quarter, Penn Hall picked up the puck from a scramble around the green goal and succeeded in slipping one past Hawkes for the lone Technology score. After this there was no further action in this quarter.

Solo efforts on the part of the Dartmouth players proved the undoing of the Technology score and they broke the tie to win the game for Dartmouth. Early in the quarter the green team opened up and the game became faster all around. Both of the two goalies made some very nice stops to cut off scores against their teams. After about eight minutes of play Rockhill, Dartmouth right wing, skated down through the Beaver squad and pushed the puck past Whiston to break the tie score. Several minutes later Morton repeated the trick and brought the score up to 3-1.

Hall and Whiston did the outstanding work for the Beaver team. The entire game was played with only one substitute, Cochrane, in the defensive position. Fahey played a new position, after being shifted from forward to guard position. Horace Ford, regular linesman, did not accompany the team.

A summary follows:  
M. I. T. Dartmouth  
Orbanowski, rw. rw., Rockhill, Manchester

Hall, c. Morton  
Regan, lw. lw., Fisher, Jackson  
Fahey, Cochrane, rd. rd., Andres  
Hazelton, ld. ld., Johnson  
Whiston, g. g., Hawkes  
Score: Dartmouth 3, M. I. T. 1  
Goals: Morton 2, Rockhill, Hall. Referee, Synott.

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105 Causeway St.

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1215 Commonwealth Avenue  
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NEW YORK

## Herald Tribune



## OFFICIAL BULLETINS OF GENERAL INTEREST

### Aldred Lecture

Mr. Henry I. Harriman

Friday, February 27, 3 P.M., Room 10-250

Mr. Harriman is Chairman of the New England Power Company, Chairman of the Trustees of the Boston Elevated Railway, Chairman of the Metropolitan Planning Board and President of the Boston Chamber of Commerce. He will speak on "The Meaning of the Major Business Trends of the Day."

Open to seniors, graduate students and members of the instructing staff.

### Building Construction

Mr. Thomas F. McSweeney

Monday, March 2, 10:00 A.M., Room 1-134

A course of illustrated lectures on "The History of the Art of Building" will be given under the auspices of the Department of Building Construction during the second term by Mr. Thomas F. McSweeney '16, on Mondays, from 10:00-12:00 A.M.

Open to students and members of the instructing staff.

### Colloquia

Department of Electrical Engineering

Monday, March 2 and Tuesday, March 3, 2:00-4:00 P.M.

Room 10-275

Mr. I. Melville Stein, Director of Development, Mr. G. A. Perley, and Mr. J. C. Peters, Jr., Leeds and Northrup Company, "Practical Electrical Measurement and control of Non-Electrical Quantities."

Open to seniors, graduate students and members of the instructing staff.

### Welding

Mr. Peter P. Alexander

Monday, March 2, 4:00 P.M., Room 4-156

A series of lectures on "The Metallurgy of Welding and its Industrial Application" will be given under the auspices of the Department of Mining Engineering and Metallurgy on Mondays, February 16-May 25 inclusive, by Peter P. Alexander, Research Engineer, Thomson Research Laboratory, General Electric Company.

Open to students and members of the instructing staff.

## CALENDAR

Friday, February 27

3:00 P.M.—Aldred Lecture, Room 10-250.  
4:00 P.M.—Technology Photographic Society motion pictures, Room 10-250.  
5:00 P.M.—Banjo Club rehearsal, East Lounge, Walker Memorial.  
8:00 P.M.—Chess team contest, Faculty dining hall, Walker Memorial.  
9:00 P.M.—Sophomore dance, Main Hall, Walker Memorial.

Saturday, February 28

5:00 P.M.—Lowell Institute Dinner, North Hall, Walker Memorial.

## SUNDAY DENOUNCES MATERIAL METHODS

### Evangelist Entertains Crowd With Reminiscences of Early Career

(Continued from Page One)

was so disgusted with himself for heeding the wishes of the board and building an inferior bridge against his wishes, that he put a bullet in his head."

#### Urges Aim in Life

He urged his listeners to have a definite aim in life. When he played professional baseball he was usually lead-off man because of his speed. "I didn't go up there with the idea of striking out—I had a definite aim, to get on base. Don't be like the men on an Arctic explorer's ship who were found all stationed at their right places but with the ship sailing aimlessly about because they were frozen stiff. That ship was a derelict. There are many such derelicts in the world today. Don't be one."

He drew hearty applause from the audience by his statement, "Don't think that everything that is worth learning is given to you by the Professors here at Tech. There are two kinds of education, one that other people give you and that you get for yourself and each one is just as important as the other."

He told the men to develop a spirit of kindness. "Kindness is an instinct," he said. "Politeness is an art—pure appearance."

#### Describes World Series

He told the story of the world series game in which he took part a few days after he was converted. "It was the last half of the ninth inning and we were one run ahead. There was a man on second and a man on third and the man at bat was the catcher of the opposing team, known for the way he could wallop a low ball. He couldn't hit a high one but when they came right around his knees he could slam it out and it usually went to right field because he always swung late. "John Clarkson, the greatest pitcher that ever lived, was pitching for the Chicago Cubs. Every time the ball went past you when he was pitching the thermometer dropped two degrees."

"There were two strikes and three balls on the batter. I was playing deep right field and I knew that if he ever connected with that ball it would come to me. I yelled to Clarkson from right field, where I was playing deep, 'Just one more now.' I can still see Clarkson preparing for that last throw. In those days a pitcher could turn his face to the batter and was also allowed to take a little skip and jump before he threw the ball. "I remember John, thoroughly dig-

ging his foot into the ground and making it fast. Then he reached way around until he almost touched his ankle from behind. I could see that it was going to be high and close. Then just as he threw the ball, his foot slipped. Instead of a high close ball it was knee high just as the batter wanted. I heard the crack of the bat and looked up. The ball was sailing high and wide right for right field.

#### Tells of Greatest Catch

"I never ran so hard in all my life. The whole game depended on that catch. The ball, I could see, was going straight toward a group of spectators who had crowded onto the sidelines after the grandstands had been filled. I yelled, 'Get out of the way,' and they parted like the Red Sea at the rod of Moses.

"I was running as fast as I ever ran before. I could see that I stood very little chance of getting it. I prayed to God. I remember I said something like this, 'Please God let me get it—make up Your mind fast because You haven't much time to decide.' Just then a current of wind picked up the ball and held it just for the smallest moment. But that was enough. I jumped up as high as I could; the ball hit my bare hand—and stuck. It was the greatest catch I ever made."

#### Acts Different Parts.

While telling this story Mr. Sunday went through all the motions of the pitcher as he threw the fatal ball. He showed how the batter hit it, how he ran after it and in the end he jumped over a foot and a half off the floor, despite his sixty odd years, to show that great last effort which succeeded in capturing the ball.

After the speech, Mr. Harry Clarke, accompanied by Miss Florence Kinney, sang a few verses of "I want You," one of his own compositions. Billy then posed for photographers and amid the cheers of his audience left for his lectures in Boston.

### Infirmary List

Burnham, James H., '34.  
Carleton, Henry L., '32.  
Chew, Peng Y., G.  
Gamble, Edward, Instructor.  
Illian, Douglas F., '31.  
Jewell, Asa H., '33.  
Swirsky, Chaim, G.

Pictures of the varsity freshmen Lacrosse team will be taken on Monday, March second at five o'clock. Uniforms required.

At last something new in college rackets comes to our attention. At Colorado, you can be insured against being called on in class. Rates vary with professors. Should a student who is insured be called upon he receives double his premium. This sort of puts a premium on either laziness or modesty.

## Plans For Freshman Dance Are Approved

Institute Committee Passes  
Motion After Long  
Discussion

(Continued from Page One)

Since the subject of a freshman dance has already been brought before the Committee and was decided neither a financial nor social success, I feel that the date of May 1 should be reserved for the Musical Clubs."

O. Glenn Goodhand, '31, next took the floor. "Although the Institute Committee decided last year to abandon freshman dances," he said, "I nevertheless feel that last year's action was a mistake and should be reversed. The freshmen understood the financial hazard that faces them, but the present Senior class gave a dance in their Freshman year which was financially successful and was also somewhat of a social success. As for the date, that can be given to the Executive Committee for action. I feel that the freshmen should be given permission for the dance, but not on May 1."

#### "Dances Financial Failures"

At this point Humphries changed his motion to read without any specified date and it was again put before the committee. Sanders again took the floor against the measure. "It is a well-known fact," he said, "that these freshmen dances have proved financial failures more than they have been successes and the dance committees, who did not realize all the facts in the case, were forced to shoulder the loss. If the freshmen dance were banned, the Sophomore Dance would then benefit and perhaps even the Senior Prom. In that way there would be one less dance and the others will be better attended."

Goodhand then explained that since the Sophomore Dance would be held before the Freshman Dance and since freshmen were not allowed at the Junior Prom, the attendance at either would not be materially decreased. Humphries said that he thought the freshmen could receive valuable experience with their dance this year which would help them in their coming affairs.

After a little more discussion in which the fact that the freshmen were also planning a class smoker was brought out, the motion was put to a vote and passed.

At the same meeting Louis P. Holladay '34 was approved by the Committee to succeed Everett Kimball, Jr., '34 as freshman member of the Institute Committee. Holladay prepared at Penn Charter School where he was active in track, soccer and the class record. He was anchor man of the Freshman Field Day relay team, is a member of the track team and Phi Beta Epsilon fraternity.

There has been no change in the other freshmen class officers. Humphries, the president of the class, and Sayward H. Farnum '34, are the other two men representing the class on the Institute Committee.

## GYM TEAM WINS IN CLOSE MEET 29-25

Take Four of Six First Places  
To Defeat Dartmouth

(Continued from Page One)

and Gray team, practically decided the outcome of the entire contest by beating Norris up the rope by a scant three-fifths of a second.

Walker Gym will be the scene of another encounter between Technology Gymnasts and the team from Temple on the night of March 6.

Summary of the meet is as follows:  
High Bar—Freeman (T) 449; Harper (D) 436; Jennings (D) 407.  
Side Horse—Knapp (T) 506; Law-sine (T) 447; Blakesley (D) 441.  
Rope Climb—Knapp (T) 5.2 sec.; Norris (T) 5.6 sec.; Ericson (T) 5.8 sec.

Flying Rings—Purcell (D) 488; Hutton (D) 468; Treadwell (T) 465.  
Parallel Bars—Ericson (T) 502; Hunley (D) 465; Barnett (T) 445.  
Tumbling—Seney (D) 523; Abbott (T) 519; Hahn (D) 460.

## PHOTO CLUB SHOWS PICTURES ON GLASS

"Glass Magic" is the title of a moving picture to be presented this afternoon at 4 o'clock in Room 10-250 by the Photographic Society. The picture is released by the Bausch and Lomb Optical Company, and shows the methods used in the production of the special glass required for large lenses and fine optical instruments.

Another picture, probably a comedy, will also be shown. There will be no admission charge, and all are cordially invited to attend.

Last Monday several members of the club made a camera hike along the waterfront and secured several good pictures. They are planning to have another hike on Sunday, March 1, and will probably hold several more in the course of the next few weeks.

## HOLD COLLOQUIUM FOR ADVANCED MEN

Electrical Students Will Hear  
Mr. Stein Lecture on  
Measurements

(Continued from Page One)

Mr. Stein spent the next seven years with the New York Edison Company Laboratories. In the year 1911-1912 he was in the New York Edison Technical School; three years later he was in charge of the Standardizing Laboratory, at the same time attending the Columbia University Extension School. During 1913-1918 an instructor in the New York Edison Technical School, he was assigned in 1917 to the Chief Electrical Engineer's Office. Although he joined the Headquarters staff of the Eastern Department Signal Corps the following year, since 1919 he has been with the Leeds and Northrup Company, being at various times in the Sales Department, Manager of the Combustion Control Division, and Director of Research.

#### Outline Material Covered

In the following outline is indicated the material to be covered during the demonstration:

1. Electrical vs. non-electrical measurements. Measurements of quantities and quantity rates vs. measurements of conditions.
2. Various typical non-electrical measurements made electrically.
3. Reasons for using electrical methods for making non-electrical measurements.
4. General principles underlying the design of most electrical instruments for making non-electrical measurements.
5. Detailed discussion of several of the more important non-electrical measurements and control systems utilizing electrical measurements.
  - a. Measurement and control of temperature.
  - b. Measurement and control of hydrogen ion concentration.
  - c. Electrical measurements applied to automatic combustion control.
6. Vacuum tubes and photocells as applied to non-electrical measurements made electrically.

#### References Suggested

The following references, which will be found on Mrs. Maynard's desk in the Central Library, are suggested by the leaders:

## Varsity Basketball Five Defeats Tufts

Freshmen Also Defeat Jumbo  
Yearlings by 25-16  
Advantage

(Continued from Page One)

second half, three of his four field goals being counted then. Sysko played his usually fine game at guard and had a great deal to do with the stopping of the fast Tufts offense.

In the preliminary game, the freshmen also took the Tufts yearlings. However, the game was not as interesting as the other because the Engineer five led by at least four points all through the game. Oldham and O'Brien were the leaders in the scoring for the yearlings each accounting for ten points. This is the second straight win for the Beavers after going the rest of the season losing all their games by small margins. Saturday night they will travel to Tilton Academy for their last game of the year.

#### Meet Pratt Institute Tonight

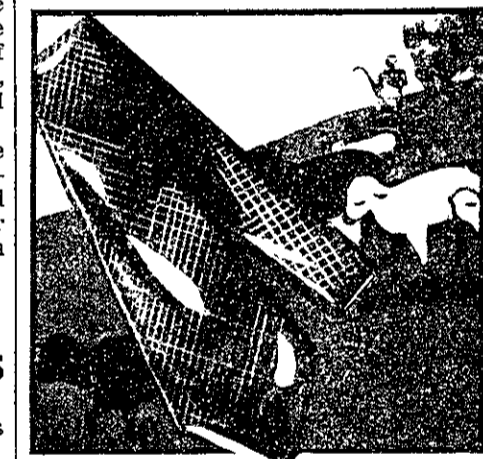
For the Varsity's opponents tonight, Pratt Institute will be here. This team has a good record to bring with them, winning seven of the ten games played so far. All these victories were by a few points except one. The only team which they have played that Technology has met is Tufts which they defeated by the score of 21 to 19. This game was played two weeks ago when both teams were at their best playing conditions as Tufts was Wednesday night. From this a good game should be in order, after the close game played by M. I. T. and the Jumbos.

Technology will close its basketball season next week against New Hampshire. The game will be played there on Thursday.

Cornell University gives credit in a course in whooping cough prevention; North Carolina State has a course for janitors; and at California, a course tells how to see Europe properly.

"Measurement of High Temperatures," Burgess and Le Chatelier.  
"Pyrometric Practice," Bureau of Standard Technologic Paper No. 170.  
"The Determination of Hydrogen Ion Concentration," W. M. Clark.  
"Hydrogen Ions," H. T. S. Britton, Chapters 19 to 34.

Students who desire a personal interview with any of the leaders should leave their homes with Miss Baker in room 4-202 before 9:30 o'clock next Tuesday morning.



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